Material Safety Data Sheet
WF1014N
No-Toil Biodegradable Foam Filter Cleaner Aerosol

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Number: NAPA PS4339, NT-202

Chemical Name and Synonyms: No-Toil Biodegradable Foam Filter Oil Aerosol
Chemical Family: Mixture
Product Use: Filter Cleaner
MSDS Date of Preparation: May 3, 2012

Company Identification
Supplier: NAPA Filters
PO Box 1967
Gastonia, NC 28053

Telephone Numbers
Product Information: (704) 869-3700 x2769
Emergency Phone: (800) 424-9300 Chemtrec

SECTION 2: HAZARDS IDENTIFICATION

Physical Appearance: Red liquid with a slight alcohol odor.

EMERGENCY OVERVIEW

Hazards Identification: Flammable aerosol. Contents under Pressure. Heated can may rupture. Causes eye irritation. May cause slight skin irritation. Repeated or prolonged skin contact may cause dryness and cracking with possible dermatitis. Inhalation of vapors or mists may cause irritation of the nose, throat and upper respiratory tract and nervous system symptoms such as drowsiness or dizziness. Inhalation of high concentrations may cause confusion, headache, nausea, low blood pressure, and coma.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>67-83-0</td>
<td>≤20%</td>
</tr>
<tr>
<td>C-18 Unsaturated Fatty Acid Dimers</td>
<td>61788-89-4</td>
<td>≤58%</td>
</tr>
<tr>
<td>Liquefied Petroleum Gas (Propane, n-Butane)</td>
<td>68476-86-8</td>
<td>≤20%</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush eyes thoroughly with running water for 15 minutes while holding the eyelids open. If symptoms occur and persist, seek medical attention.

Skin Contact: Wash thoroughly with soap and water. Seek medical attention if irritation develops. Launder clothing before reuse.

Inhaled: If mists are inhaled, remove to fresh air. Seek immediate medical attention.

Swallowed: If swallowed, do not induce vomiting unless directed to do so by a medical professional. Rinse mouth with water if the person is alert. Never give anything by mouth to an unconscious or drowsy person. Seek immediate medical attention.
SECTION 5: FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Contents under pressure. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120°F may cause cans to burst. Flammable liquid and vapor. Vapors are heavier than air and will flow along surfaces to remote ignition sources and flash back. Flammable vapors may collect in low areas.

Extinguishing Media: Use water spray or fog, carbon dioxide (CO2), dry chemical, or foam. Do not use straight water stream as that may spread the fire.

Special Fire Fighting Procedures: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire exposed containers and structures with water.

Hazardous Combustion Products: Carbon oxides.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Eliminate ignition sources and ventilate the area. Use appropriate protective clothing and equipment during clean-up. Absorb small spills with an inert (non-combustible) absorbent and place in a container for disposal. Prevent release to the environment.

SECTION 7: HANDLING AND STORAGE

Avoid breathing mists and avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wash thoroughly after handling. Remove and launder contaminated clothing before reuse. Keep product away from heat and all sources of ignition. Contents under pressure. Do not puncture or incinerate container.

Empty containers retain residues and may be hazardous. Do not flame cut, weld, braze, grind etc. on or near empty containers. They may explode and cause injury or death.

Storage: Store in a cool, dry, well-ventilated area away from oxidizers. Store at temperatures below 120°F.

NFPA 30B: Level 1 Aerosol

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>200 ppm TWA ACGIH TLV, 400 ppm STEL ACGIH TLV</td>
</tr>
<tr>
<td></td>
<td>400 ppm STEL OSHA PEL</td>
</tr>
<tr>
<td>C-18 Unsaturated Fatty Acid Dimers</td>
<td>None Established</td>
</tr>
<tr>
<td>Propane/n-Butane (as aliphatic hydrocarbon gas)</td>
<td>1000 ppm TWA ACGIH TLV</td>
</tr>
</tbody>
</table>

Ventilation: Use with adequate general or local exhaust ventilation to maintain exposure concentrations below the exposure limits.
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**Respiratory Protection:** For operations where the exposure limits are exceeded, a NIOSH approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

**Skin Protection:** Wear impervious gloves if needed to avoid contact.

**Eye Protection:** Chemical safety glasses or goggles if needed to avoid eye contact.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Appearance and Odor</td>
<td>Red liquid with a slight alcohol odor.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.789</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>55-65 psi @ 70°F</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>82.2°C (180.0°F)</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash Point</td>
<td>20°C (68°F)</td>
</tr>
<tr>
<td>Autoignition Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>Not determined</td>
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</table>

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** This product is stable.

**Incompatibility/Conditions to Avoid:** Avoid heat, flames and other sources of ignition. Do not use with aluminum equipment or at temperatures above 120°F. Avoid contact with strong oxidizing agents, acids, chlorine, acetaldehyde, ethylene oxide, and isocyanates.

**Hazardous Decomposition Products:** Thermal decomposition will generate carbon oxides.

**Hazardous Polymerization:** Will not occur

### SECTION 11: TOXICOLOGICAL INFORMATION

**Potential Health Effects:**

**Eye:** May cause irritation with burning, tearing, redness and swelling.

**Skin:** May cause mild irritation. Repeated or prolonged skin contact may cause dryness and cracking with possible dermatitis.

**Inhalation:** Inhalation of vapors or mists may cause irritation of the nose, throat and upper respiratory tract. High vapor concentrations may cause nausea, headache, weakness, and nervous system symptoms such as drowsiness, sleepiness or dizziness. Prolonged exposure to high concentrations may cause unconsciousness.

**Ingestion:** Low toxicity for small quantities. Ingestion of large quantities may cause gastrointestinal irritation with nausea, vomiting and diarrhea, impaired coordination, central nervous system depression, respiratory depression, low blood pressure, mild liver effects, and pulmonary edema.
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Chronic/Carcinogenicity: Prolonged or repeated skin contact may cause dermatitis. Repeated overexposure may cause liver damage. None of the components of this product are listed as carcinogens by ACGIH, IARC, NTP or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

No ecotoxicity data is available for the product. When spilled, this product may act as an oil, causing film, sheen, emulsion, or sludge at or beneath the surface of a body of water. Avoid release to the environment.

SECTION 13: DISPOSAL INFORMATION

Dispose in accordance with all local and national regulations.

SECTION 14: TRANSPORT INFORMATION

US DOT Shipping Description: UN1950, Aerosols, 2.1

IMDG Code (Ocean): UN1950, Aerosols, 2.1

SECTION 15: REGULATORY INFORMATION

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Many states have more stringent reporting requirements. Report releases as required by all federal, state and local authorities.

SARA TITLE III:

Hazard Category for Section 311/312: Acute Health, Fire Hazard, Pressure Hazard

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

California Proposition 65: This product does not contain any chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16: OTHER INFORMATION

NFPA Hazard Rating: Health: 1 Fire: 4 Instability: 0

HMIS Hazard Rating: Health: 1 Fire: 2 Physical Hazard: 0

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Revision History

<table>
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<tr>
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<th>Type</th>
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<tr>
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<td>NT-202</td>
<td>No-Toil Biodegradable Foam Filter Cleaner Aerosol</td>
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<table>
<thead>
<tr>
<th>Revision</th>
<th>Description</th>
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